

POSITIONS AVAILABLE

CABTEC INTERNATIONAL, LLC, CHEMICAL ENGINEERS

Contract Process Engineer - research and develop an overseas CaCO₃ facility. Must have 5 years experience with various grades of CaCO₃ (eg PCC).

Furfural Sales/Applications Rep - representative for imported chemical. Must have 5 years sales and application experience.

TDO (FAS) Sales/Applications Rep - representative for imported chemical. Must have 5 years sales and application experience.

Send resume with cover letter to US contact on www.cabtec.com.

CYTEC ENGINEERED MATERIALS INC., PROCESS ENGINEERING MANAGER GREENVILLE, TEXAS

Cytec Engineered Materials Inc., a global technology leader in advanced materials for aerospace and other extreme-demand environments, has a challenging opportunity available for a strong communicator with strong problem solving skills in its Greenville, TX facility — a 3-shift, unionized environment.

Managing the process engineering activities associated with the manufacturing of advanced composite materials (processes may include resin mixing, solution coating, hot melt filming, hot melt prepregging, plying, slitting, weaving and shipping/receiving), the selected candidate will provide technical assistance to other departments during the start-up of new products, processes and/or programs; prepare capital budget forecasts and expenditure proposals for engineering projects; ensure that company, industry, government and environmental standards are adhered to; and hire, train, mentor & evaluate the process engineering team.

Requirements include a BSME or BSChE combined with at least 5-7 years of process and project engineering experience demonstrating familiarity with safety practices, including behavior-based safety programs, project management, capital project management, process control systems, and equipment design. Knowledge of Lean Manufacturing, 6 Sigma/D.M.A.I.C. concepts preferred; background working with MRP systems a plus.

Master's in Business Administration and financial acumen would be ideal.

We offer a competitive salary and benefits package in a team-spirited work environment. For consideration, please email resume to: cemjobpost@fm.cytec.com or FAX to: 507-452-8065. EOE

BAXTER BIOSCIENCE, ENGINEER II/ SR. ENGINEER

Support Manufacturing, Process Development, Quality and Regulatory departments by recommending, developing and implementing processes required for manufacturing new products and for improving yield, efficiency and/or quality of existing products. Support technology transfer between Process Development and Manufacturing. Lead teams to validate improved processes and submission of information for Regulatory approval. Lead manufacturing problem solving teams and complete compliance documentation. Propose and organize process improvement programs. Bachelor's degree in Chemical, biochemical, Biomedical, or Mechanical Engineering. A minimum of 5 years of process engineering or equivalent in an ISO9000 or cGMP facility. A minimum of 2 years of cGMP experience. Knowledge of Microsoft Office, Statistical Analysis software, AutoCAD and other personal computer applications. Lead teams in troubleshooting, including exception management and corrective and preventative actions. Six Sigma Engineering certification is desired. Strong Statistical background

in desired. This position is located in Maryland. To apply please visit: <http://develop.aiche.org/careerengineer>

STRATEGIC ADVANCEMENT, PROJECT MANAGEMENT

Our Northern New Jersey Polymer Manufacturing client is looking for an Engineer with Project Management and Process/Production Control experience. The applicant will be familiar with equipment, process and systems used in manufacturing basic chemical products. The applicant should also be familiar with polymer batch reaction and process control and be competent in analyzing data to troubleshoot equipment, materials or process problems to improve quality performance. The candidate should have instrumentation/electrical experience including prior experience troubleshooting and installing controls and instrumentation (DCS knowledge a plus).

The ideal candidate will have a degree and 5-8 years of experience, and managed projects of at least \$500,000. This person will also have initiative, analytical/conceptual thinking, and a strong result orientation.

Send resume with salary history and requirements to

A Trenkler

Strategic Advancement

242 Old New Brunswick Road, Suite 100

Piscataway, NJ 08854

or email to StratinA@aol.com.

AMERICAN CHEMICAL SOCIETY EXECUTIVE DIRECTOR AND CHIEF EXECUTIVE OFFICER



The American Chemical Society (ACS) announces the opening of its search for an Executive Director and Chief Executive Officer. The Society numbers over 161,000 members and has an annual operating budget of about \$400M. The American Chemical Society's mission is to encourage, in the broadest and most liberal manner, the advancement of the chemical enterprise and its practitioners. Additional information is available on the Society's website: <http://chemistry.org>. The position is located at the headquarters offices in Washington, D.C. Applications are invited from interested parties who meet the requirements established for this position.

THE FOLLOWING REQUIREMENTS ARE MANDATORY:

- ◆ 5-7 years related administrative/management experience including the supervision of critical organizational functions
- ◆ Excellent written and oral communications including interpersonal and presentations skills

THE FOLLOWING REQUIREMENTS ARE PREFERRED:

- ◆ A track record of success in leading large organizations
- ◆ Familiarity with operations and governing bodies of large membership organizations
- ◆ Evidence of strategic leadership and new business development
- ◆ Demonstrated financial/business acumen

EDUCATION: A Bachelor's degree in a chemically related science or technology and an advanced degree are preferred.

To apply, please provide curriculum vitae including cover letter and a paragraph describing the rationale for your application to Korn/Ferry International, Presidential Plaza, 900 19th Street, N.W., Washington, D.C. 20006, or at <http://ekornferry.com>, click on Opportunities and insert the code: KF256 or fax to (202) 822-8127. Closing date for the acceptance of applications is September 2, 2003. ACS is a drug-free, smoke-free, equal opportunity employer.

WG TUCKER & ASSOCIATES, INC.

JOB TITLE: PROCESS SAFETY MANAGER

Description: W. G. Tucker & Associates, Inc. is an Executive Search Firm that specializes in the placement of management and professional candidates from a variety of disciplines including Engineering; R&D, Safety, Environmental, and Regulatory. We are currently conducting a search for a Process Safety Manager for a Fortune 500 Manufacturing Corporation located in Southwestern PA

Responsibilities:

- * Facilitate the development and implementation of an effective, sustainable Process Safety Management program.
- * Assist company facilities with implementing and improving their Process Safety Management (PSM) initiatives in reducing process risk in compliance with company policy and regulations.
- * Plan, develop and implement PSM training
- * Coordinate major process risk reduction efforts such as resin safety evaluations, process hazard analysis, PSM Measurement System improvements, etc.

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- Kevin Hawkins,
Senior Engineer
specializing in anti-lock
brakes at Honda R&D
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For information on career opportunities, send your resume to: **Human Resources, Honda R&D Americas, Inc., 21001 State Route 739, Raymond, OH 43067-9705. Fax: 937-645-6337. Email: emp@oh.hra.com.**



Honda R&D Americas, Inc.

www.hondaresearch.com

An Equal Opportunity Employer.

Requirements And Key Competencies
* Must possess a Bachelor's degree in Chemical Engineering, Chemistry or a related discipline.
* A minimum of six (6) plus years experience in Process Safety Management. Experience in Chemical, Petrochemical, Specialty Chemical, or Pharmaceutical Industries is a plus.
* Must understand the design, construction, operation and maintenance of manufacturing processes.

* Must possess an in-depth knowledge of safety and environmental control principles and a broad understanding of Process Safety and regulatory safety and environmental requirements based on OSHA and EPA risk management standards.

* Ability to develop strong working relationships with the Company's other Process Safety Leaders
* Proficiency with Process Hazard Analysis Software.
* Candidate must be able and willing to travel 35-40%. Travel is both domestic and international.

* Position requires US Citizenship or permanent residency (Green Card); Visa sponsorship is not available for this position.

HOW TO APPLY:
If you are interested in this highly visible, career-enhancing opportunity with a respected industry very successful Fortune 500 Corporation, please forward a confidential resume in Word format along with your salary requirements to James Richardson at JRichardson@wgtucker.com

If you are not a candidate but know of other qualified individuals who might be interested in an excellent new opportunity, please forward a copy of this announcement to that person.
W. G. Tucker & Associates, Inc.
Executive Search Consultants
Franklin Centre
4240 Greensburg Pike
Pittsburgh, PA 15221
Phone: (412) 351-9309
Fax: (412) 351-9195

Our client is an Equal Opportunity Employer; Minorities and females are strongly encouraged to apply.

MATERIAL METHODS, LLC EXPERIMENTALIST FOR SEPARATIONS & ENERGY RESEARCH & DEVELOPMENT

Material Methods, located in Newport Beach, is an R&D leader in separations and energy devices built on nanostructured materials. We are a small group of scientists and engineers who apply science to solve practical problems and spawn new businesses. We value teamwork and independence; knowing the literature and innovation. We combine theory and experiment. We create value. We are an Equal Opportunity Employer

Material Methods has an open position in a three person team working on low energy routes to harvesting ambient humidity for potable water. You will be responsible for all experimental and analytical aspects of proof of concept, participate in concept development, proposal writing, and commercialization, and lend support to other groups within the company involved in electrochemical devices and nanocomposite materials.

If you are authorized to work in the United States and living in Southern California with a Masters or Ph.D. in Chemical Engineering, Materials Science, Physics or Chemistry, and have broad interests in physical and life sciences and are comfortable with aqueous chemistry, polymer science, complex materials, heterogeneous reactions, electrochemistry, kinetics, transport, and laboratory electronics, send us your resume. The ideal applicant is a team player curious about and adaptable to new ideas, has 3-5 years industry experience and wants to be rewarded for his/her contribution. To apply for this positions please visit <http://develop.aiche.org/careerengineer/>

BAYER DIAGNOSTICS, SR. PROCESS ENGINEER

Support engineering activities associated with diagnostic reagent manufacturing. Lead the planning and organization of specific job assignments. Review new product processes and incorporate into existing manufacturing systems. Define and/or scale up chromatography systems. Evaluate and implement alternatives to optimize performance. Develop and execute capital investment projects. Develop technical, engineering or manufacturing standards/programs: prepare and execute validation protocols. Prepare procedures, specification and related GMP documents. Troubleshoot process and equipment problems. Liquid chromatography methods development. Process design scale up and optimization. Process equipment validation. Bachelor's Degree in Chemical Engineering, Mechanical Engineering, Chemistry, Biology, Biochemistry or equivalent technical degree with 6 - 10 years experience.

At Bayer Diagnostics, we set high standard and hire professionals with the talent and determination to meet those standards. We reward our employees with extremely competitive compensation and a great benefits package. This position is located in Massachusetts. To apply please visit <http://develop.aiche.org/careerengineer/>

ACADEMIC OPENINGS

TOKYO UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, ASSISTANT/ASSOCIATE PROFESSOR

TOKYO UNIVERSITY OF AGRICULTURE AND TECHNOLOGY (TUA&T) Department of Chemical Engineering, Graduate School BASE at Tokyo University of Agriculture and Technology is seeking an outstanding individual for Assistant/Associate Professor position beginning in the fall of 2003. A doctorate degree in chemical engineering or closely related field is required. For candidates with a doctorate degree not in the chemical engineering field, a bachelor's or master's degree in chemical engineering or an equivalent experience is required. For a non-Japanese citizen the contract is for three years. The applicant must have a strong academic research record in areas such as (1) Energy system engineering, (2) Waste management and environmental chemical engineering, and/or (3) Regional planning; with certain backgrounds in reaction engineering, powder technology, hydrodynamics, life cycle assessment and/or mass flow analysis. The position is related to a TUA&T's 21 Century COE program, Evolution and Survival of Technology

based Civilization, to be terminated by the end of March 2007. The program aims at constructing a new chemical engineering paradigm for mass and energy flow designs for a sustainable society. Candidates should have a strong research proposal on the above subjects and experience in undergraduate and graduate teaching in the above areas. The individual is also expected to teach undergraduate and graduate engineering courses, and supervise graduate students. Applicants with Japanese language capability will be given priority. Applicants should send curriculum vitae, a statement of research and teaching plans, copies of ten recent publications, and names of three references by August 10 to: BASE Chemical Engineering Search Committee, c/o Professor Masayuki Horio, Department of Chemical Engineering, Tokyo University of Agriculture and Technology, Koganei, Tokyo 184-8588, Japan, Oversea applicants are allowed to send the package by email to: estec-office@cc.tuat.ac.jp

UNIVERSITY OF FLORIDA BIOLOGICAL ENGINEER, ASSISTANT PROFESSOR

Applications are invited for a faculty position in Biological Engineering at the University of Florida's Agricultural & Biological Engineering Department. A Ph.D. in a related engineering discipline is required, as well as a demonstrated ability to teach and conduct research in such areas as bioreactors, plant modeling with functional genomics, bio-based product development, biosensors/nanotechnology, and bio-environmental/ecological engineering. More information is available at www.agen.ufl.edu.

To apply, send letter of application with summary of research and teaching experience, curriculum vitae, and the names and contact information of four references by July 31, 2003 to Dr. Arthur Teixeira, University of Florida, Gainesville FL 32611-0570. E-mail: aateixeira@mail.ifas.ufl.edu.

The University of Florida is an Affirmative Action/Equal Opportunity Employer.



FACULTY POSITIONS IN CHEMICAL ENGINEERING AT ARIZONA STATE UNIVERSITY

The Chemical Engineering program in the Department of Chemical and Materials Engineering at Arizona State University announces openings for two tenure-track faculty positions. Position #1 is available at any level. Position #2 can be made at the assistant or associate professor level.

ASU is a Research I University with outstanding research facilities and infrastructure support located within the rapidly growing metropolitan Phoenix area. All areas of research specialization relevant to chemical engineering will be considered, with preference given to those candidates who show promise for successful interaction with ASU's centers of research excellence, which include the Arizona Biodesign Institute (<http://www.azbio.org>) Environmental Fluid Dynamics Program (<http://www.eas.asu.edu/~pefdhome>), Center for Solid State Electronics Research (<http://ceaspub.eas.asu.edu/csser>) and the newly formed Center for the Study of Rapidly Urbanizing Regions (<http://ces.asu.edu/csur/index.htm>).

Successful candidates will be expected to develop and maintain internationally recognized, externally-funded research programs, to maintain high teaching standards at the undergraduate and graduate levels, and to participate in service activities. Candidates must have an earned doctorate in Chemical Engineering or a closely related area of engineering or science by the appointment date. Applicants for the Assistant rank must show exceptional promise in research and teaching, whereas applicants for the Associate or Professor rank must have demonstrated excellence in research and teaching commensurate with rank. A rank-appropriate record of publication in scholarly journals pertinent to semiconductor processing (position #1) or to biotechnology (position #2) is desirable.

Interested Candidates must submit a letter indicating position, research specialization and rank, a research plan, a teaching plan, and a current curriculum vitae that includes the names, telephone, postal and e-mail addresses of four references to Dr. Subhash Mahajan, Chair, Department of Chemical and Materials Engineering, Arizona State University, Campus Box 6006, Tempe, AZ 85287-6006. Applications will be reviewed beginning on August 15th, if not filled the 30th and 15th of each month subsequently until the search is closed. For further information, contact Dr. Subhash Mahajan at (480) 965-9710 or via email: smahajan@asu.edu. AA/EOE

THE DEPARTMENT OF CHEMICAL ENGINEERING

AT COLORADO STATE UNIVERSITY seeks applications and nominations for two tenure-track chemical engineering faculty positions at the assistant or associate professor level. Successful junior candidates will develop well-funded research programs and actively participate in education and scholarship activities. Candidates with more experience must have a national/international reputation in their research area. There are no restrictions on research area for candidates; however, applicants with research interests in nanotechnology, molecular engineering, or biological engineering are particularly encouraged. A Ph.D. or equivalent in chemical engineering, biomedical engineering, or related field is required. Important information regarding the application process may be found at <http://cheseach.engr.colostate.edu>. Electronic submission of application materials at this web site is strongly preferred. If necessary, hardcopy applications may be sent to: Search Committee Chair, Department of Chemical Engineering, Colorado State University, Fort Collins, CO 80523-1370. **Review of applications will begin October 1** and continue until the position is filled. Colorado State University is an Affirmative Action/Equal Opportunity Employer and encourages qualified women and minorities to apply.

UNIVERSITY OF ALBERTA ASSISTANT PROFESSOR, CHEMICAL AND MATERIALS ENGINEERING

Department of Chemical & Materials Engineering, University of Alberta, invites applications for a tenure-track faculty position at the Assistant Professor level. The candidate is expected to possess solid Chemical Engineering skills and conduct research in separations and/or mass transfer operations. Outstanding candidates with expertise in other areas will also be considered, as long as their skills complement our current strengths in Utilization of Fossil Energy Resources and Interfacial Phenomena. Candidates must have the ability to conduct both independent and cooperative research, develop viable and productive research programs, and to teach both undergraduate and graduate courses. One component of the successful candidate's research program is expected to be air-borne toxin emission control from coal combustion, to complement an NSERC-EPCOR-AERI Industrial Research Chair in Advanced Coal Cleaning and Combustion Technology. The Department of Chemical & Materials Engineering at the University of Alberta is one of the premier research-intensive departments of its kind in North America. Our faculty complement is 38, with approximately 150 graduate students and 70 other researchers. The current research strengths within the department include surface and colloidal science, computational fluid dynamics, reaction engineering and catalysis, process control and non-hydrogen fuel cells. For information about our Department, please consult our website at: www.ualberta.ca/CMENG. Candidates must either hold a PhD in Chemical Engineering, or related field, or expect to receive one shortly after taking up their appointment. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. A curriculum vitae, the names of three confidential references, and a statement of current research interests and plans for future research should be sent to: Dr. J. F. Forbes, Department of Chemical and Materials Engineering, University of Alberta, Edmonton, Alberta T6G 2G6. The position is currently open and applications will be considered as they are received and until the position is filled. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

Visiting Faculty Positions. Bioengineering Graduate Program. Department of Chemical Engineering.

Applications are invited for two visiting faculty positions, preferably at the Assistant Professor or Assistant Lecturer level. Applicants should possess a PhD degree in Bioengineering, Chemical Engineering or a closely related field, and have a strong commitment to teaching. Each successful candidate is expected to teach three to four courses per year such as molecular biology, biochemistry, and cell biology, and to assist in the curriculum development of bioengineering courses. Research experience in bioprocessing, pharmaceutical engineering, and biomicrosystems is preferred. Initial appointment is one-year, possibly renewable and may lead to a tenure track position. Salary will be very competitive. Fringe benefits include medical/dental benefits and annual leave. A gratuity will also be payable upon successful completion of contract. Interested individuals should submit a curriculum vitae, a statement of teaching and research interests, and a list of three references on or before 21 June 2003 to Ms Janice Ho, Executive Officer, Bioengineering Graduate Program, Department of Chemical Engineering, Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong. The search will continue until suitable appointments are made. More information about the Program, the Department and the University can be found on the University's website: www.ust.hk.

(Information provided by applicants will be used for recruitment and other employment-related purposes.)

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